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PTO/SB08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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COMPLETE IF KNOWN

Application Number	08/908,852
Confirmation Number	
Filing Date	August 8, 1997
First Named Inventor	Donald Carroll Roe
Group Art Unit	3761
Examiner Name	D. Ruhl
Attorney Docket Number	5494CR

SHEET 1 of 2

U. S. PATENT DOCUMENTS

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EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
<i>MC</i>	1	US-2,804,424	08/27/1957	STIRN ET AL.	
	2	US-3,490,454	01/20/1970	GOLDFARB ET AL.	
	3	US-3,902,493	09/02/1975	BAIER ET AL.	
	4	US-4,034,077	07/05/1977	HILL ET AL.	
	5	US-4,112,167	09/05/1978	DAKE ET AL.	
	6	US-4,324,247	04/18/1982	AZIZ	
	7	US-4,478,853	10/28/1984	CHAUSSEE	
	8	US-4,513,051	04/28/1985	LAVASH	
	9	US-4,556,560	12/08/1985	BUCKINGHAM	
	10	US-4,690,821	09/01/1987	SMITH ET AL.	
	11	US-4,704,112	11/08/1987	SUZUKI ET AL.	
	12	US-4,760,096	07/26/1988	SAKAI ET AL.	
	13	US-4,882,204	11/21/1989	TENENBAUM	
	14	US-4,900,317	02/18/1990	BUELL	
<i>MC</i>	15	US-4,904,524	02/27/1990	YOH	
	16	US-4,970,220	11/13/1990	CHAUSSEE	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	17	EP 0 297 828 A1	01/04/1989	CHARKOUDIAN ET AL.	
	18	EP 0 631 768 A1	01/04/1995	PLISCHKE ET AL.	
	19	EP 0 692 263 B1	01/17/1998	LICHSTEIN	
	20	EP 0 815 841 A1	01/07/1998	VIANEN ET AL.	
<i>MC</i>	21	GB 2,033,751 A	05/29/1980	DUNFORD ET AL.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

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<i>ML</i>	22	US-4,990,144	02/03/1991	BLOTT	
	23	US-4,996,238	02/26/1991	MATRAVERS	
	24	US-5,043,155	08/21/1991	PUCHALSKI ET AL.	
	25	US-5,110,593	05/05/1992	BENFORD	
	26	US-5,194,261	03/18/1993	PICHIERRI	
	27	US-5,370,132	12/08/1994	WEBER ET AL.	
	28	US-5,436,007	07/25/1995	HARTUNG ET AL.	
	29	US-5,466,396	11/14/1995	MADISON ET AL.	
	30	US-5,509,915	04/23/1996	HANSON ET AL.	
	31	US-5,525,346	06/11/1996	HARTUNG ET AL.	
	32	US-5,558,655	09/24/1996	JEZZI ET AL.	
	33	US-5,607,760	03/04/1997	ROE	
	34	US-5,609,587	03/11/1997	ROE	
	35	US-5,643,588	07/01/1997	ROE ET AL.	
<i>ML</i>	36	US-5,674,509	10/07/1997	DATE ET AL.	

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